



# Excalibur Electronics

## Subaru Impreza



## Operating Manual

Model No. 9396

**C**ongratulations on your purchase of Excalibur Electronics' radio-controlled Subaru Impreza 1:20 Scale car. This full-function model has features that include air-filled rubber tires, telescopic antenna, front-wheel steering trimmer and sporty decals. The radio transmitter is also included.

Your Subaru Impreza is easy to use, but be sure to use it safely. Before starting, please read this manual thoroughly, especially noting safety, care and battery information. Keep this manual for reference.



The legendary King Arthur brandished a magic sword, Excalibur, from which we take our company name. With this unique weapon in his hands, he could not be vanquished.

Although Excalibur Electronics can't claim the magical secrets of Merlin, King Arthur's court wizard, sometimes our patented technology may make it seem as if we could. The radio-controlled Subaru Impreza car is another unmatched innovation of Excalibur Electronics.

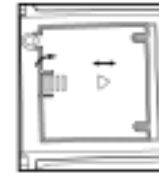
We make you think.

### **Battery Installation:**

Make sure that the On—Off Power Switches on both the car and the transmitter are set to “Off” before installing any batteries. We recommend using alkaline batteries for best performance.

#### **Car Battery Installation:**

Open the battery compartment, located on the bottom of the car, by sliding the latch with your thumb in the direction of the arrow. (See diagram below.)



Lift the battery cover off and then install the 3 AA batteries (not included), making sure to match the polarity (+ and -) with the diagram inside the battery compartment. (See diagram below.) Then replace the battery cover.



#### **Remote Control Transmitter Battery Installation:**

Find the battery compartment on the back of the transmitter. Use a small Phillips screwdriver to remove the screw. Remove the battery cover by sliding the latch with your thumb in the direction of the arrow. Install one 9V battery (not included) in the compartment, mak-

ing sure to match polarity with the diagram inside the battery compartment. (See diagram below). Then replace the screw and tighten gently. (See also Battery Information on page 9.)



### Maintenance and Care:

- Never drive the vehicle on a wet floor, or in sand, mud, rain or snow. These conditions can damage your vehicle.
- Do not expose the vehicle to extreme temperatures.
- When storing your vehicle, please remove the batteries from the vehicle and the transmitter.
- Protect your vehicle’s wheel mechanism from foreign objects such as lint, hair and dust by using a small brush, tweezers or a small piece of cloth tied to the tip of a toothpick to wipe the wheel off.
- Use only a dampened cloth to clean the vehicle. After cleaning, use a dry cloth to wipe off all the water. Never use any chemical agents to clean the vehicle.

### Helpful Hints:

- If the vehicle is not responding to the transmitter, make sure the car is not beyond radio signal contact by moving the vehicle nearer the transmitter.
- If the vehicle starts to lose power, replace the vehicle’s batteries.
- If the vehicle starts to move slowly, this can be caused either by weak batteries or by foreign objects in the wheel mechanism. Check the wheel first, and clean, if necessary,

by using the instructions listed above in Maintenance and Care. If the wheel is clean, replace the vehicle’s batteries. Remember that the 9V battery in the transmitter will last longer than the 3 AA batteries in the vehicle.

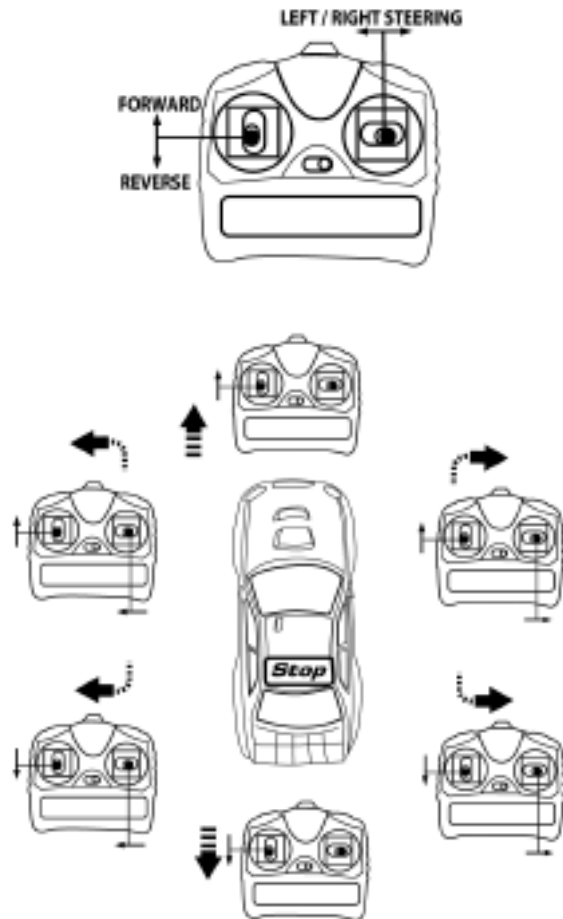
- When the transmitter range decreases, replace the battery in the controller.
- Your control of the car may be interfered with by someone using a CB radio near you. If this happens, move the car and transmitter away from the CB radio.

### Caution:

- Do not apply any electrical shocks to either the vehicle or transmitter.
- Do not run the car during a thunderstorm.
- Do not touch the vehicle’s wheels when the vehicle’s Power Switch is turned “On.” This is extremely dangerous.
- Do not leave the vehicle or transmitter near sources of heat or under direct sunlight for extended periods of time. This may damage the sensitive electronic instruments within the vehicle and transmitter.
- Do not operate the vehicle near small children, as this can be very dangerous.
- Always select a safe place to run your vehicle. Never drive your vehicle in the street.
- Rechargeable batteries are to be removed from the toy being charged.
- Rechargeable batteries are only to be recharged under adult supervision.

### Operation:

Extend the telescopic antenna of the controller to full length for best performance. For maximum range of control, always keep both antennae straight up.



Set the car and transmitter Power Switches to “On.” The car is ready for use. Use the transmitter’s control levers to steer the car. (See diagrams on next page).



**Trim Switch Control:**

The switch is located on the underside of the vehicle between the two front wheels and is used to align the wheels for consistent straight-line driving. (See diagram below).

**Trouble Shooting:**

**IF THE VEHICLE DOES NOT MOVE:**

- Are the vehicle and transmitter Power Switches set to “On”?
- Is the vehicle too far away from the transmitter?
- Is the metal tab in the battery cartridge flattened so it doesn’t touch the tip of the battery?

**IF THE VEHICLE DRIVES SLOWLY:**

- Are the batteries exhausted?

**IF YOU EXPERIENCE POOR RANGE CONTROL:**

- Is the battery in the transmitter exhausted?
- Is there strong interference in the area from CB radios or other interferences?

**WARNING:**

Changes or modifications to this unit not expressly approved by the

party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules and R&TTE Directive 1999/5/EC. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference with radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user should try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment and the receiver into different outlets.
- Consult the dealer or an experienced radio/TV technician for help.

THIS PRODUCT IS FOR USE IN THE U.K., SPAIN, GERMANY, FRANCE, BELGIUM, ITALY, SWITZERLAND, THE NETHERLANDS, DENMARK, U.S., CANADA AND PORTUGAL.

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## Special Care & Handling

- Avoid rough handling such as bumping or dropping.
- Avoid moisture and extreme temperatures. For best results, use between the temperatures of 39°F and 100°F (4° C and 38° C.)
- Clean using only a slightly damp cloth. Do not use cleaners with chemical agents.

## Battery Information

- Batteries should be installed or replaced only by an adult.
- Your Subaru Impreza uses 3 AA batteries for the car and one 9V battery for the transmitter, not included.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-metal hydride) batteries.
- Do not mix old and new batteries.
- Do not use rechargeable batteries.
- Remove exhausted batteries from the unit.
- Do not short circuit battery terminals.
- Remove batteries and store them in a cool, dry place when not in use.
- To avoid explosion or leakage, do not dispose of batteries in a fire or attempt to recharge alkaline or other non-rechargeable batteries.

Due to continuing improvements, actual product may differ slightly from the product described herein.

## 90-Day Limited Warranty

EXCALIBUR ELECTRONICS, INC., warrants to the original consumer that its products are free from any electrical or mechanical defects for a period of 90 DAYS from the date of purchase. If any such defect is discovered within the warranty period, EXCALIBUR ELECTRONICS, INC., will repair or replace the unit free of charge upon receipt of the unit, shipped postage prepaid and insured to the factory address shown at right.

The warranty covers normal consumer use and does not cover damage that occurs in shipment or failure that results from alterations, accident, misuse, abuse, neglect, wear and tear, inadequate maintenance, commercial use, or unreasonable use of the unit. Removal of the top panel voids all warranties. This warranty does not cover cost of repairs made or attempted outside of the factory.

Any applicable implied warranties, including warranties of merchantability and fitness, are hereby limited to 90 DAYS from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. Some states do not allow limitations on the duration of implied warranties and do not allow exclusion of incidental or con-

sequential damages, so the above limitations and exclusions in these instances may not apply.

The only authorized service center in the United States is:

**Excalibur Electronics, Inc.**  
**13755 SW 119th Ave**  
**Miami, Florida 33186 U.S.A.**  
**Phone: 305.477.8080**  
**Fax: 305.477.9516**  
**[www.ExcaliburElectronics.com](http://www.ExcaliburElectronics.com)**

Ship the unit carefully packed, preferably in the original carton, and send it prepaid, and adequately insured. Include a letter, detailing the complaint and including your daytime telephone number, inside the shipping carton.

If your warranty has expired and you want an estimated fee for service, write to the above address, specifying the model and the problem.

PLEASE DO NOT SEND  
YOUR UNIT WITHOUT  
RECEIVING AN ESTIMATE FOR  
SERVICING. WE CANNOT  
STORE YOUR UNIT!

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**Play games live at:**  
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